

Preliminary Programme

3rd UENPS Congress

Portugal, Porto, November 14 – 17, 2012

November 14

09h00 – 17h00 - 5 Pre-Congress Courses

1. Family Centred Developmentally Supportive Care – Coordinator: Bjorn Westrup

- Family Aspects - **Silke Mader**
- Understanding the Preterm Brain: Impact of Preterm Birth on the Developing Brain - **Matthias Keller**
- NIDCAP - **Nikk Conneman**
- Post-Discharge Intervention - **Rod Hedlund**
- Systems Perspective, Scientific Evidence and Implementation Experiences - **Björn Westrup**
- Video Session Interactive Work Shop- From NICU to Home - **Nikk Conneman, Rod Hedlund, Björn Westrup**
- Reflective Group Discussions

2. Neonatal Pain: Recognition and Management – Coordinator: Giuseppe Buonocore

- Neonatal Pain: Is it Prehistory? - **Giuseppe Buonocore**
- The Pharmacocynetics of Analgesic Drugs in Neonatology. - **Karel Allegaert**
- Do We Still Hurt Newborn Babies? Pain in the NICUs. - **Ricardo Carbajal**
- Two Easy Tools: Sensorial Saturation and ABC Pain Scale. - **Carlo Bellieni**

3. Neonatal Resuscitation - Coordinator: Mario Rudiger

- Introduction. **M.Rüdiger**
- The Video-Apgar trial. **H.Küster**

- Technical Equipment, Other Requirements and Thermocontrol - **Roland Wauer**
- How to Evaluate the Postnatal Condition - **M.Rüdiger**

- Theory of Resuscitation – Comparison of international guidelines - **Roland Wauer**
- Theory of Resuscitation – Bad habits and green apples - **H.Küster**

- The First Breath or How to Get Air Into the Lung – Theoretical Aspects. **M.Rüdiger**
- The First Breath or How to Get Air Into the Lung – Practical Aspects - **H.Küster**

- Between Each Block Video Recordings of Delivery Room Management Are Shown

4. Brain Monitoring – Coordinator : Frank Van Bel

Morning: Theory

- Basic and Technical Aspects of NIRS - **Gunnar Naulaers**
- Physiology of Cerebral Oxygenation Monitoring in the Neonate - **Frank Van Bel**
- Practical Issues of Monitoring Cerebral Oxygenation and Electrical Brain Activity - **Petra Lemmers**

Preliminary Programme

3rd UENPS Congress

Portugal, Porto, November 14 – 17, 2012

Afternoon:

- Interactive Session With Cases
- Quiz

5. Mechanical Ventilation – Coordinator: Manuel Sanchez-Luna

Introduction:

Respiratory Physiology of the Newborn Infant
Respiratory Adaptation to Delivery
The Term Infant With Respiratory Distress
The Preterm Infant at Delivery
Respiratory Distress of the Preterm Infant
The BPD Evolving Infant

Respiratory Support

How to Support the Respiratory System
Non-Invasive Support
From Nasal Cannula to Non-Invasive Respiratory Ventilation
Invasive Respiratory Support
Standard Invasive Ventilation
Synchronization
Volume Target Ventilation
New Modalities of Invasive Respiratory Support in the Newborn Infant
HFOV
Weaning Strategies
A Practical Approach to:
Gentle Ventilation
Permissive Hypercapnia
Surfactant Administration

Speakers:

Manuel Sanchez-Luna
Camilla Gizzi
Ester Sanz
Elena Maderuelo

November 14

17h00-17h30 Opening Statments: **Hercilia Guimarães, Giuseppe Buonocore**

17h30-18h15 Opening Lecture: **The Past and Future in Neonatology. George Simbruner**

18h15-19h15 **The Birth Adventure Over Time – Amélia Ricon Ferraz, Luigi Cataldi**

19h30-21h00 **Wellcome Cocktail**

Preliminary Programme

3rd UENPS Congress
Portugal, Porto, November 14 – 17, 2012

November 15

08h00-09h00 Oral Communications (Arquivo, Infante and D^a. Maria)

Chairs: Nelly Jekova, Maria Beatriz Guedes – Plenary Room

Aspaziga Sofijanova, Daniel Virella – Infante Room (Room 2)

Egle Markuniene, Eurico Gaspar – D^a. Maria Room (Room 3)

Arquivo Room

09h00-11h00 Perinatal Session I– Plenary Session

Chairs: Corrado Moretti, Hercília Guimarães

- Fetal Growth Restriction - Revisiting the Definition – **Nuno Montenegro**
- Twin-to-twin Transfusion Syndrome Versus Selective Fetal Growth Restriction, in Monochorionic Twins – **Jader Cruz**
- Metabolomics In Perinatology: Where Are We Now? - **Vassilios Fanos**
- IUGR: The Obstetrical Challenge and the Neonatal Outcome - **Apostolos Papageorgiou**

11:00 -11:30 Coffee break, E- Poster Viewing and Visit Exhibition

Arquivo Room

11h30-13h00 Neonatal Infection I – Parallel Session

Chairs: Harrie Lafeber, Alexandra Almeida

- Nosocomial Infection in The NICU - Advantages Of Prospective Surveillance - **Teresa Neto**
- Pharmacokinetics and Pharmacodynamics of Antibiotics – Practical Implications In Neonatal Sepsis -**Tuuli Metsvaht**
- Infections in VLBW Infants - Current Situation in Germany – **Egbert Herting**
- Prevention of Hospital-acquired Infection in VLBW Infants - EuroNeoKiss Trial - **Adolf Valls-i-Soler**

Infante Room

11h30-13h00 UENPS – ESN/ESPR Session I

Chairs: Maria Kornacka, Rui Carrapato

- Management and Outcome of Extremely Low Birth Weight Infants - **Apostolos Papageorgiou**
- Follow-Up Of Portuguese ELBW Infants - **Teresa Tomé**
- Late Preterm Deliveries, A New Severe Perinatal Problem – **Elena Maderuelo**

Preliminary Programme

3rd UENPS Congress

Portugal, Porto, November 14 – 17, 2012

D. Maria Room

11h30-13h00 Developmental Care

Chairs: Hugo Lagercrantz, Fátima Clemente

- The Social Brain- How We Create a Community- **Nikk Conneman**
- Systems Perspective of Family Centered Developmentally Supportive Care - **Bjorn Westrup**
- Supporting the Neurobehavioral Organization and Psychological Development of the Newborn From Hospital to Home - **Rod Hedlund**

13h00-14h30 Lunch, E- Poster Viewing, Visit Exhibition and Symposium

Arquivo Room

14h30-16h30 Neonatal Neurology I - Plenary Session

Chairs: Apostolos Papageorgiou, Almerinda Pereira

- Clinical and Molecular Pharmacologic Strategies for Prevention of Retinopathy of Prematurity (ROP) - **Jacob Aranda**
- Oxidative Stress - **Giuseppe Buonocore**
- Pharmacological Neuroprotection After Perinatal Asphyxia - **Frank Van Bel**
- Making of the Brain and the Emergence of Consciousness - **Hugo Lagercrantz**

16:30 -17:00 Coffee break, E- Poster Viewing and Visit Exhibition

Arquivo Room

17h00-18h30 Neonatal Neurology II - Parallel Session

Chairs: Gyorgy Balla, Carlos Moniz

- Near Infrared Spectroscopy (NIRS) - Measured Cerebral Oxygenation in Very Preterm Neonates: Reliability And Pitfalls - **Frank Van Bel**
- Biomarkers Of HIE - **Matthias Keller**
- Monitoring Cerebral Oxygenation in Extremely Preterm Neonates During The Immediate Transitional Period: Its Clinical Relevance - **Petra Lemmers**

Infante Room

17h00-18h30) Nutrition I

Chairs: Bart Overmeire, Susana Pissarra

- Intestinal Microbiota in Premature Infants - An Update"- **Maka Mshvildadze**
- Monitoring the Neonatal Gastrointestinal Circulation and Oxygenation Using Near Infrared Spectroscopy (NIRS) - **Gunnar Nauelaers**
- Interventions for Improving the Gastrointestinal Motility of VLBW Infants

Preliminary Programme

3rd UENPS Congress

Portugal, Porto, November 14 – 17, 2012

- Gounaris K. Antonios

D. Maria Room

17h30-18h30 Neonatal Lung I

Chairs: Anselmo Costa, Manuel Sanchez-Luna

- Alveolar Capillary Dysplasia, the Hidden Disease - **Ester Sanz**
- Use of Surfactant In Meconium Aspiration Syndrome - Combination of Bronchoalveolar Lavage and Bolus Instillation - **Borisav Jankovic**
- Surfactant and CPAP - **Egbert Herting**
- The Pathogenesis of New BPD: Evidence from Bronchoalveolar Lavage Studies – **Luc Zimmermann**

18h30-19h30 Plenary Satellite Symposium Sponsored By (To Be Defined) Arquivo Room

20h00 Faculty Dinner

November 16

08h00-09h00 Oral Communications (Arquivo, Infante and D^a. Maria)

Chairs: Suada Helejc, Rosalina Barroso – Plenary Room

Kate Piperkova, Maria José de Castro - Infante Room (Room 3)

Ia Davitaia, Mário Branco - D^a. Maria Room (Room 3)

Arquivo Room

09h00-11h00 Neonatal Hematology And Immunology -Plenary Session

Chairs: Jacob Aranda, Lincoln Justo da Silva

- Characteristics of Neonatal Haematology - **Robert Christensen**
- Anemia in the Preterm Infants: Erythrocyte Transfusions Vs EPO - **Soubasi Vassiliki**
- Platelet Transfusion: When and How? - **Robert Christensen**
- Blood Regulatory T-Cells in Very Low Birth Weight Neonates - **Silvia Sanchez Ramón**

11:00 -11:30 Coffee break, E- Poster Viewing and Visit Exhibition

Arquivo Room

11h30-13h00 UENPS – ESN/ESPR Session II - Parallel Session

Chairs: Murat Yudarkok, Teresa Neto

- How to Improve the Maternal and Neonatal Mortality in the World?
- **Maria Do Céu Machado**
- Neonatal Couplet Care: Advantages and Challenges - **Bjorn Westrup**
- Perinatal Asphyxia: Lessons From Metabolomics and Histology - **Vassilios Fanos**

Preliminary Programme

3rd UENPS Congress

Portugal, Porto, November 14 – 17, 2012

- Daily Exposure to Recorded Maternal Sounds During NICU Hospitalization: Effects on Respiratory and Growth Outcomes – **Amir Lahav**

Infante Room

11h30-13h00 Perinatal Session II

Chairs: Mats Blennow, Nuno Montenegro

- Prenatal Intervention In Diafragmatic Hernia – **Jorge Correia Pinto**
- How to Evaluate a Newborn Infant in the Delivery Room? - **Mario Ruediger**
- Newborns From IVF in NICU in Serbia - **Georgios Konstantinidis**

D. Maria Room

11h30-13h00 Quality And Safety In NICUS

Chairs: Boris Filipovic, Teresa Tomé

- The Stress Due to Physical Pollutants in The NICU (Noise, Electromagnetic Waves, Lights) - **Carlo Bellieni**
- Safety in The NICU - **Israel Macedo**
- Burnout in Doctors (or Nurses or Staff) Working in the NICU - **Carlo Bellieni**
- What is Helpful to Develop a Good Functioning NICU in Eastern Europe – **Peter Krcho**

13h00-14h30 Lunch, E- Poster Viewing, Visit Exhibition and Symposium

Arquivo Room

14h30-16h30 Neonatal Lung II - Plenary Session

Chairs: Peter Krcho, João Videira Amaral

- Acute to Chronic Lung Disease - **Hercília Guimaraes**
- Strategies to Prevent Damage of the Immature Lung – **Manuel Sanchez-Luna**
- Weaning from Mechanical Ventilation - **Camilla Gizzi**
- The Treatment of Severe Bronchopulmonary Dysplasia – **Corrado Moretti**

16:30 -17:00 Coffee break, E- Poster Viewing and Visit Exhibition

Arquivo Room

17h00-18h30 Neonatal Pharmacology I – Parallel Session

Chairs: Gunnar Naulaers, Goretta Silva

- Clinical Pharmacology in the Era of Hypothermia - **Karel Allegaert**
- Caffeine- The Wonder Drug for Newborns: Current Debates - **Jacob Aranda**
- Growth Factors: Indications and Limits - **Robert Christensen**

Preliminary Programme

3rd UENPS Congress

Portugal, Porto, November 14 – 17, 2012

Infante Room

17h00-18h30 Neonatal Infection II

Chairs: Adolf Valls i Soller, José Luís Fonseca

- Diagnosis of Neonatal Infections - **Helmut Kuster**
- Chorioamnionitis and Neonatal Morbidity - **Gustavo Rocha**
- NEC, Chorioamnionitis and Breast-Feeding - **Ester Sanz**
- Invasive Candida Infection in Extremely Preterm Infants - **Eren Ozek**

D^a. Maria Room

17h00-18h30 Neonatal Lung III

Chairs: Egbert Herting, José Pombeiro

- Surfactant Replacement Therapy-New Formulations, New Modes of Delivery
- **Janusz Gadzinowski**
- Transient Tachypnea of the Newborn: What is New? - **Murat Yurdakok**
- Therapy of PPHN, Medical Strategies – **Manuel Sanchez-Luna**

18h30-19h30 Plenary Satellite Symposium Sponsored By (To Be Defined) Arquivo Room

20h00 Gala Dinner at a Port Wine Cellar

Preliminary Programme

3rd UENPS Congress

Portugal, Porto, November 14 – 17, 2012

November 17

Arquivo Rom

08h30-10h30 European Peri/ Neonatal Networks – Parallel Session

Chairs: Eli Saliba, Manuel Cunha

- EuroNeoNet. A Platform for Neonatal Clinical Trials. **Adolf Valls-i-Soler**
- Portuguese Very Low Birth Weight Infant Network. **Gabriela Mimoso**
- The Italian Neonatal Network: a Community of Practice for Quality Improvement within the Vermont Oxford Network. **Roberto Bellu**
- NIQ – One Time Data Input for All Networks and for Online Quality Comparison to Other Hospitals - **Helmut kuster**
- EPICure - **Kate Costeloe**

Infante Room

08h30-10h30 Nutrition II – Parallel Session

Chairs: Heili Varendi, José Luís Nunes

- Composition of the Mother Milk During the First Five Days in Low and High Risk Population - **P. Krcho, J. Bazarova**
- Should the Use of Probiotics in the Preterm Be Routine? - **Kate Costeloe**
- Should We Start Early With Omega-3 Fatty Acids Intravenous Supplementation in Preterm Neonates - **Ryszard Lauterbach**
- Can We Stimulate Neural Development in Very Preterm Infants By Early Nutritional Interventions and Still Prevent the Onset of the Metabolic Syndrome in Later Life? - **Harrie Lafeber**

10:30 -11:00 Coffee break, E- Poster Viewing and Visit Exhibition

Arquivo Room

11h00-12h30 Pharmacology II - Parallel Session

Chairs: Kosmas Sarafidis, Helena Carreiro

- From Indomethacin to Ibuprofen, Are We Better? **Bart Van Overmeire**
- Metabolomics: A New Tool for Individualized Therapy in Neonatology, But What Do We Really Know - **Mathias Keller**
- Neonatal Exposure to Excipients in Europe: Results of the ESNEE Survey - **Heili Varendi**
- Clinical Pharmacology of Analgesics - **Karel Allegaert**

Preliminary Programme

3rd UENPS Congress

Portugal, Porto, November 14 – 17, 2012

Infante Room

11h00-12h30 Neonatal Nephrology - Parallel Session

Chairs: Fani Anatolitou, Maria José Costeira

- Perinatal Programming and the Kidney - **Vassilios Fanos**
- Preterm and the Kidney: Clinical Pharmacology as Applied Renal Physiology - **Karel Allegaert**
- Diagnosis and Treatment of The Acute Renal Failure in Neonates - **Helena Jardim**

World Prematurity Day – EFCNI

12h30-14h00 UENPS General Council

12h30-14h00 Lunch, E- Poster Viewing, Visit Exhibition

Arquivo Room

14h00 – 15h30 UENPS – ESN/ESPR Session III - Plenary Session

Education And Research On Neonatology

Chairs: Giuseppe Buonocore, Maria do céu Machado

- Medical Publishing - **Hugo Langercrantz**
- Harmonizing the Education of the Future European Neonatologist - **Mats Blennow**
- Research in Newborns – Is it Really Necessary?- **Mario Ruediger**

15h30-17h30 Academic Olympics (Final)

17h30-18h00 Closing Ceremony